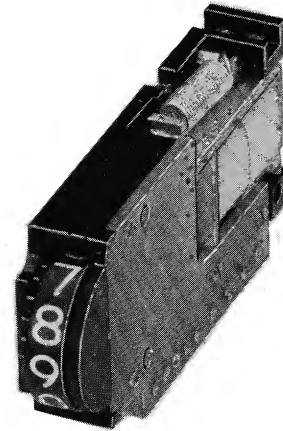


Binary Decade Single Wheel Indicator

series 1984



Approximately full size

DESCRIPTION

The series 1984 single wheel indicator features binary coded decimal readout and digital display. It was developed for applications in advanced system designs where mechanically driven counters are not adaptable. Binary Decade units can be combined to form an indicator module — comparable in size to a conventional mechanical device, but constructed for rugged military uses. The Binary Decade is compact and lightweight. Wheel figures are permanent and definition is not adversely affected by ambient light.

APPLICATIONS

Designed for use in advance-design aerospace and shipboard applications. Typical uses include navigation and fire control systems, elapsed time indicators, and guidance and tracking systems.

OPERATION

The indicator display wheel is driven by an integral solenoid and includes a BCD switch which identifies the position of the wheel for monitoring by the actuating computer. The wheel and BCD switch advances one unit for each pulse until desired position is reported by the code feedback. This assures 100 percent accurate readout — even when missed pulses occur.

MODELS AVAILABLE

Standard models available with BCD output; additive or subtractive count. Can be provided with diodes in the binary code output circuit for code isolation when unit is grouped in modular form. Comes standard with white figures on black background. Other code output and wheel markings available on request.

STANDARD SPECIFICATIONS

Mounting: Optional

Figure Size: .187" $\pm$.005" High x .140" $\pm$.005" wide x .025" $\pm$.005" Line Stroke

Figure Style: Per MS 33558 (ASG)

Figure Color: White on black background

Count Rate: 25 counts per second — max.

Power: 3 watts maximum @ 28 v-dc over temperature range

Life: In excess of 1 million counts

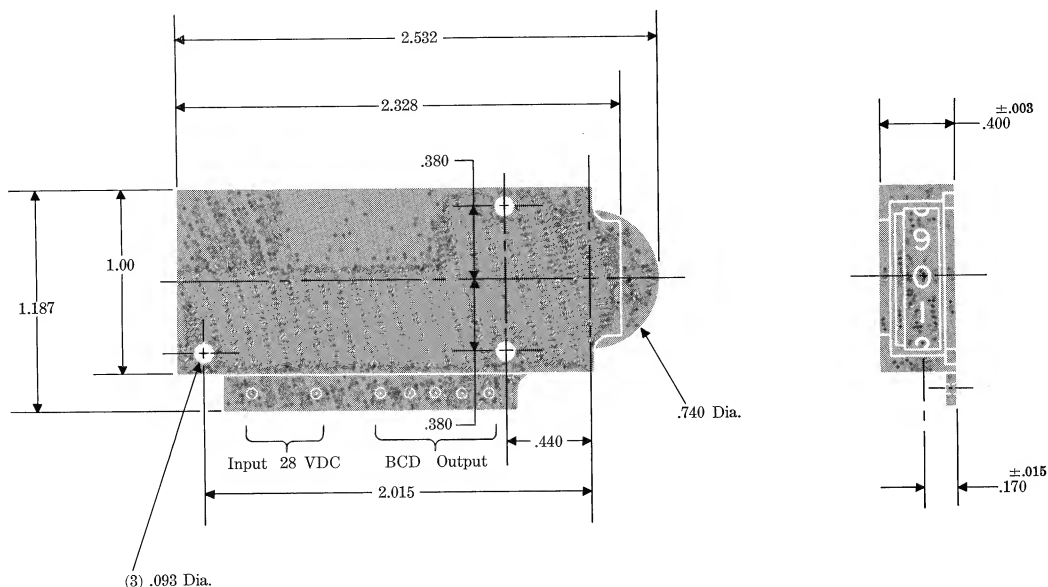
Finish: Instrument dull black

Net Weight: 1.3 oz.

Environmental: Designed to meet applicable sections of MIL-E-5272 and MIL-E-5400 class 3 equipment

Binary Decade Single Wheel Indicator

series 1984



This information is for general guidance only and is subject to change. If you are preparing control drawings or otherwise considering this product, please contact Veeder-Root for current applicability of specifications and dimensions.

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|--|---|



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Veeder-Root Inc., Hartford, Conn. 06102

Tel: 527-7201 Cable CYCLO Hartford

Mr. T. Nelson
Box 1546
Poughkeepsie, New York 12603

1/17/66 3

FOLD
DOWN
1

Here's the product information you asked for, sent to you with our compliments.

Veeder-Root has long pioneered in the development of counting, controlling and recording devices to meet the needs of industry, business and science. Our technical capability is ready to serve you—from design engineering through to product application. To help us assist you further, won't you please answer these questions:

Did you send your inquiry so that...

- () You will have information in your file?
() You can recommend an immediate purchase by your company?
() You can have data for buying in the next () 3, () 6, () 12 months?

If you intend to specify or purchase soon, do you:

- () Need application and engineering assistance from our district engineer?
() Require additional specifications?
() Wish a quotation on _____?
_____?

FOLD
DOWN
2

What type of counter are you interested in?

- () Mechanical () Electrical () Electronic
() Other: _____
() Add my name to your mail list. (Please check your address and zip code above)

What are your requirements?

Speed: _____
Reset or Non-Reset: _____
Type Drive or Mount: _____
No. of Figures & Approx. Size: _____
Voltage: _____
Other: _____

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